



STS CONSULTANTS LTD.
CONSULTING ENGINEERS

1415 LAKE COOK ROAD DEERFIELD, ILLINOIS 60015 708-272-6520



DATE: 1-26-96

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## NOTE REGARDING CORRECTION FACTOR APPLIED TO Q/A GAMMA DATA

Gamma radiation measurements were collected with two instruments with different size detector shields. The shield size used on each detector accounts for the difference in background values, in that the 6-inch shield for detector S/N 111127 produced an average background value of 1385 counts per minute (CPM), while the 2.5-inch shield on detector S/N 112642 had an average background of 2418 CPM.

All Q/A data were taken using detector S/N 112642 and the 2.5-inch shield. In order to normalize all measurements to the 2.5-inch shield, all measurements taken with detector S/N 111127 and the 6-inch shield were multiplied by a correction factor of approximately 1.75. This is reflected in the correction factor, applied on certain of the raw data in Column 4, corrected in Column 5 in Appendix D6.

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